User Manual

GB

cocos-LITTLE FRIEND MP3-Player

Before you use this product

Safety Instructions:
Read all the instructions carefully to avoid injury to yourself and to avoid damage to the equipment.

Earphones:
Follow traffic rules in your country.
Do not use the earphones while driving an automobile or riding a bicycle.
It is not only dangerous; it is against the law.
To avoid an accident, keep the volume low while walking.

Protect Your Hearing:
Do not turn up the volume too high.
Warning: prolonged exposure to high volumes may cause hearing damage.
If you detect any ringing in the ears, stop using the device and consult a doctor.
Keep the earphone-cable free of tangling with your arms or any objects while walking or exercising.

Environmental Protection:
Follow the local guidelines for waste disposal when discarding packaging materials, batteries, and other old electronic appliances.
Your player was carefully designed and packaged to protect the environment by avoiding unnecessary materials.

Thank you for purchasing this product. Please read the User Manual before using your new MP3 Digital Player.

This USER MANUAL provides an introduction and operating instructions to help you enjoy your MP3 Digital Player. Please read all information carefully before using this product, to assure correct operation.

Under no circumstances shall the manufacturer be liable for loss and/or damage of personal data and other consequential damages caused by incorrect operation (software or hardware), repair of the product, replacement of battery or other accidents. The manufacturer shall not be liable to the user or any third party for any accidental damage as a result of using this product caused by possible misunderstanding of the USER MANUAL or mishandling of the product.

The information contained in this USER MANUAL is subject to change without prior notice.
Features and specifications of the digital player are subject to change without prior notice.

Delivery includes

MP3 Digital Player
Interchangeable covers
Mini CD: Installation Driver
User Manual
USB 2.0 cable
Li-ion battery

Features

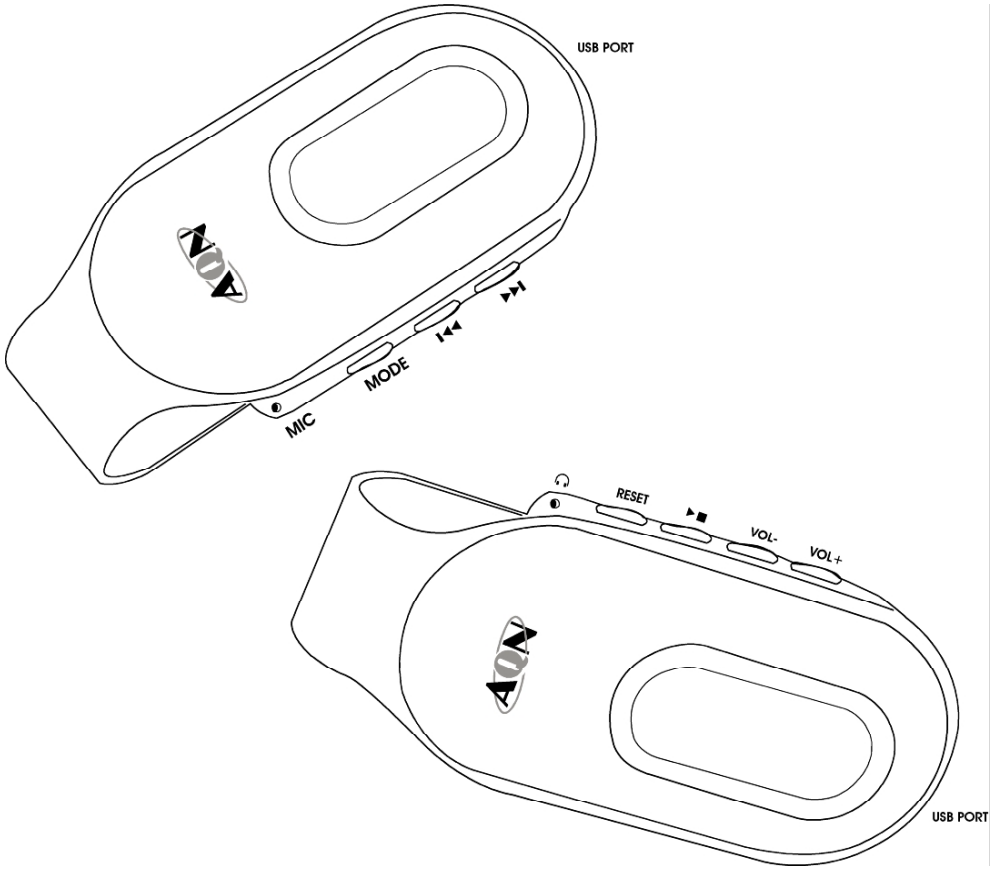
Plays digital formats including: MP1, MP2, MP3, WMA, ASF and WAV
Upgradeable firmware
FM stereo radio (optional) with automatic/manual preset stations
Voice recording with built-in microphone
A-B replay
7-mode preset EQ: Normal, Rock, POP, Classical, Soft, Jazz and DBB
Play modes: Normal, Repeat song, Play folder, Repeat play folder, Repeat all, Random and Scan
Simultaneous song title and lyrics display
Music upload/download via high-speed USB 2.0 cable
Phone book
E-book reader
JPEG Picture Browser*
Drive-Free U Disk: Manage files on your computer
Password protection and "Private Space" data encryption
Energy saving with Power Save
Sleep timer power off
Graphical User Interface (GUI) menu operation
Settings in 15 languages

* may vary according to model

PC System Requirements

Pentium 100 MHz or faster
32 Mb RAM
20 Mb of available hard drive memory
Win 95/98/2000/NT/XP, Mac 10, Linux 2.4
USB 2.0 port (supported)
CD-Rom drive

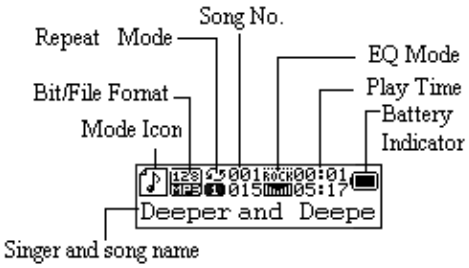
Controls



M3-20

MODE(MENU):	Press and hold to enter main menu**.**
PLAY ⏯:	Press to play. Press and hold to enter PLAY menu.
PLAY (while player is stopped):	Press and hold ⏯to shut down.
PREV(⏮) / NEXT(⏭):	Press keys to advance to the next or to the previous option.
REC:	Record voice.
VOL:	Adjust volume.
POWER:	Power on/power off.

Display



Software Installation

1. Insert the installation CD in your computer.
2. Follow the instructions in the window to complete installation.
3. Upon completion of software installation, connect the player via USB cable to the computer.

* Install software before connecting the player to your PC.

Downloading/Uploading Audio Files

1. Connect the player to your computer with the USB cable.
2. Open Windows Explorer on your computer.
   - U Disk is displayed.
3. Select file to save, and drag and drop onto the U Disk icon.
   - File will appear in numerical, alphabetical order.
   - To play songs in a specific order, change file names in Windows Explorer to "001... 002..."
4. Disconnecting the USB cable while transferring files may cause malfunction of the player.

* The play order may differ from the music file order displayed in Windows Explorer.

Turning Power On and Off

Power On/Off: Press and hold **PLAY ▶‖.**

Battery Indicator

9-level battery-usage monitor.

Indicates that battery is fully charged

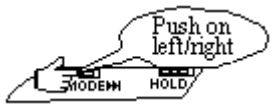
Indicates low-battery power. Charge (for Li-ion models) or replace battery (AAA models).

Battery Charging

The player can be charged when connected to a computer via USB cable, or charged directly. First time battery charge should take approximately 10 hours. Recharge time is 4-5 hours. You must turn the player and computer POWER ON before recharging.

MP3 Player Operation

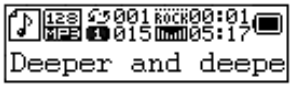
Main Menu
Press **MODE** to enter the system menu and:
1. Browse music files or menus.
2. Fast forward or rewind when playing music.



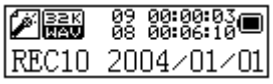
Entering Different Modes
You may enter different modes from the main menu:

Main menu

Music

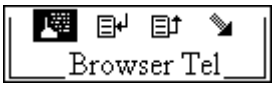


Voice Record

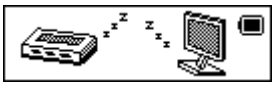


FM Radio

Telephone Book



System Setting (USB connected to PC)



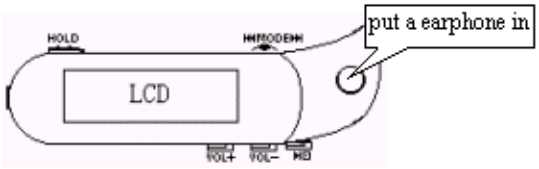
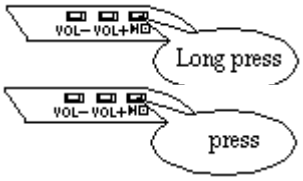
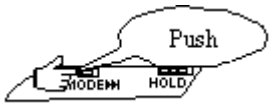
Pause/Hold
When paused, other operations will be displayed as:

When paused, USB mode will be displayed as:

When write-protect function of USB disk is on,
no data can be written to the player until turned off using **PAUSE**.

Play & Pause (Pause when recording)
You may press **PLAY** ⏯ to fast exit from any menu or options.

Music Playback

<table>
<tr>
<td>1. Connect the earphones.
 
</td>
<td>2. Push HOLD to off / Make sure PAUSE is off.
</td>
</tr>
<tr>
<td>3. Press & hold PLAY ⏯ to turn the player on and enter MUSIC mode.
Press PLAY ⏯ again to play music.
Turn on:
Play:
 
</td>
<td>4. To select music
PREV: to select previous music
NEXT: to select next music
 
</td>
</tr>
<tr>
<td>5. To adjust the volume
VOL+: to increase volume
VOL- : to decrease volume
</td>
<td>Note:
• When HOLD is ON, no other buttons will function.
• In PLAY and REC modes, the player automatically turns off according to the setting of "System Setting/Power Off/ Auto-off"</td>
</tr>
</table>

Play Submenu options

1. Play mode

○ REPEAT

Normal	Play files in current folder in normal sequence
Repeat One	Play a single music file repeatedly
Folder	Play all music files in current folder in sequence
Repeat Folder	Play all music files in current folder repeatedly
Repeat All	Play all music files repeatedly

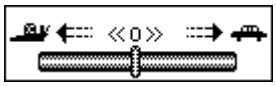
○ SHUFFLE

Random	Play music files in current folder randomly

○ INTRO

Intro	Play the first 10 seconds of each music file in

2. Tempo rate
   When playing music or recorded files, different tempo rates can be set (faster or slower) without changing the tone or sound.
   - Press **NEXT** to quicken tempo rate and press **PREV** to slow down tempo.
   - Press **MODE** to confirm your desired tempo rate and to exit the current menu.



3. A-B Replay
   - Press **MODE** to enter the Play Submenu.
   - Press **NEXT** to select the Replay Mode.
   - Press **MODE** to confirm.
   - "A" blinks in Replay icon
   - Press **NEXT** to select "A."
   - After "A" is set, the endpoint "B" must be set: press **NEXT** to set "B."
   - Replay icon is set: the replay of the A-B segment begins.
   - Press **PREV** to reset "A" and select another replay segment.
   - At the end of the replay, the player will automatically exit the Replay mode.
   - To set the Tempo Rate, press **VOL+/VOL-.**

Operation	Action	STOP mode	PLAY mode	PLAY submenu	STOP submenu
PLAY	Press & hold	Turn off	Turn off	Turn off	Turn off
	Press	Play	Pause	Exit from menu	Exit from menu
MODE	Press & hold	Enter main menu	Enter main menu	Enter main menu	Enter main menu
	Press	Enter Stop-submenu	Enter Play-submenu	Confirm current option or enter next submenu	Confirm current option or enter next submenu
NEXT	Push	Go to next title	Play next title	Change submenus	Change submenus
	Press & cont. hold	Continuous forward	Fast forward	Continuous forward	Continuous forward
PREV	Push	Go to last title	Play previous title	Change submenus	Change submenus
	Press & cont. hold	Continuous rewind	Fast rewind	Continuous rewind	Continuous rewind
VOL+	Press	Increase volume	Increase volume	--	--
VOL-	Press	Decrease volume	Decrease volume		

Voice Recording

Operation	Action	Stop Status	Record Status
PLAY	Press & hold	Turn off	Stop recording
	Press	Start recording	Pause recording
MODE	Press & hold	Enter main menu	--
	Press	Enter REC submenu	--

The player can save up to 99 voice recording files under each directory (folder).

1. Enter main menu.
2. Press **NEXT** to select the recording mode.
3. Press **MODE** to enter the Record mode.
4. Press **PLAY** ⏯ to start recording.
5. Press **PLAY** ⏯ to pause the recording (the time icon will flicker).
6. Press **PLAY** ⏯ to continue recording.
7. Press & hold **PLAY** ⏯ to stop recording.

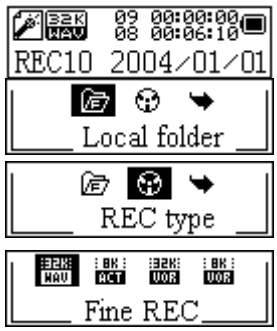
NOTE:

- The recorded file is saved in the current folder set in "Recording Stop submenu/ /Local Folder".
- If "Overflow" is displayed on the display, the player's memory is full. Please delete other files to make some space available.
- If "over record" is displayed on the display, the current directory has already had 99 recording files. Please switch to another directory.

Select Recording Format

Press **MODE** to enter the Record Submenu.

1. Press **NEXT** to go to REC format.
2. Press **MODE** to enter this menu.
3. Press **NEXT** to select the desired recording type.
4. Press **MODE** to confirm the type selected.
5. Press **PLAY** to start recording.



6. Recording formats:

32K WAV	Fine REC	WAM format	Fine timbre
8K ACT	Long REC	ACT format	Generic timbre
32K VOR	Fine VOR	WAV format	Voice control record
8K VOR	Long VOR	ACT format	Voice control record

Convert ACT Files to WAV Files

ACT files can be converted to WAV format using the included installation tools.

1. Run the "Sound Converter" program, and click on "Open".
2. Choose the ACT files for format conversion.
3. To start conversion, click on "Convert."
4. WAV and MP3 files can also be played.

FM Radio

Operation	Action	FM Radio	FM Radio Submenu
PLAY	Press & hold	Turn off	Turn off
	Press	--	Exit from menu
MODE	Press & hold	Enter main menu	Enter main menu
	Press	Enter main menu	Confirm current option or enter next submenu
NEXT	Push	Increase 100KHz gradually or stop search	Select submenus
	Press & hold	Increase 100KHz or search continuously	Continuous fast forward
PREV	Push	Decrease 100KHz gradually or stop search	Select submenus
	Press & hold	Decrease 100KHz or search continuously	Continuous fast rewind
VOL+	Press	Increase volume	--
	Press & hold	Increase volume continuously	--
VOL-	Press	Decrease volume	--
	Press & hold	Decrease volume continuously	--

Frequency Search

1. Press **PREV/NEXT** for manual search of stations.
2. To stop scanning and listen to a station, press **PREV/NEXT.**

Auto Search

The player can auto-scan frequencies between 87.5MHZ and 108MHZ and save the scanned stations.

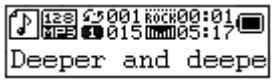
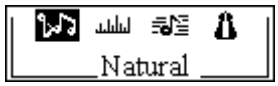
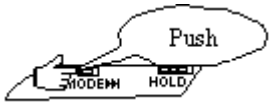
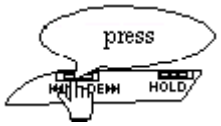
Select FM Band

In the FM submenu, select the icon and press **MODE** to enter " Select band".
Press **NEXT** to select a band, and press **MODE** for confirmation.

REC type

Select the icon and press **MODE** to enter the REC type menu.
Press **NEXT** to select "Fine REC" or "Long REC"
Press **MODE** to confirm your selection.

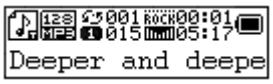
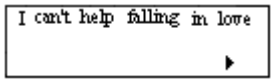
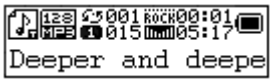
EQUALIZER mode

<table>
<tr><td>Music playback
  </td><td>Press MODE to enter the PLAY-submenu
 </td></tr>
<tr><td>Press NEXT to select the EQUALIZER-menu
 </td><td>Press MODE to enter the EQUALIZER-menu
  </td></tr>
<tr><td>Press NEXT to select:
 
Press MODE to confirm:
  </td><td>Equalizer options:
Normal
Rock
POP
Classical
Soft
Jazz
DBB</td></tr>
</table>

LYRICS DISPLAY mode

This player supports *.LRC lyric files to display lyrics simultaneously while playing MP3 songs.

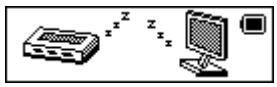
1. Setting up lyric files:
   - Save the lyric file with the same name as that of the corresponding MP3 file.
   - e.g.: Music file name: Andy-Water.mp3 / Lyric file name: Andy-Water.mp3.
2. Confirm the lyrics files:
   - If no lyric matches the current song, the icon , top left of the display in music mode, will change to .

<table>
<tr><td>1 The lyric file matches the song, but lyrics are not displayed.
  </td><td>2. Press & hold MODE to enter the Lyric interface.
  </td></tr>
<tr><td>3. Press MODE to return to Music play mode.
  </td><td>4. Press VOL to browse lyrics manually.</td></tr>
</table>

USB Flash Memory (U-Disk)

The player can be used to store other data files.
To transfer files, connect the player to a PC via included USB cable.
The player displays 3 modes after connection to PC:

Standby



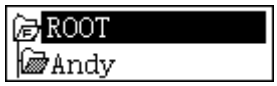
Downloading

Uploading

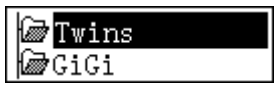
Folders

The player can store up to 99 files in one folder.

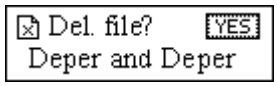
1. Set up folders in advance on PC.
2. Press **MODE** to enter the Stop-submenu.
3. Press **MODE** again to enter Select Folder menu.



4. Press **PREV/NEXT** to select folders.
5. Press **MODE** to confirm the folders selected.



6. To delete files, enter Stop-submenu and select "Delete."
   - Press **MODE** to confirm and start deleting.



Note: When deleting files on PC, please turn off the player first before pulling out the USB cable, otherwise files may not be deleted or files will be damaged.

Password Protection/Data Encryption "Private Space" mode

Users may partition the USB disk of this player using the accessory tools (SP4 must be installed on WIN 2000, otherwise only one drive letter will be seen. Without such installation, you must choose "single ordinary disk" or "single encrypted disk.")

One partof the partitioned USB disk can be encrypted as "Private Space," and be protected by a password.

1. Connect the player to the PC.
2. Run the accessory installation tools "MP3 Player Disk Tool."
3. Select "Partition and encrypt", and set the desired capacity for the encrypted disk.
4. Set username/password.
5. Click on "Start" to start the partitioning process.
6. Click on "OK" after partition finishes to restart your PC.
7. Two drive letters will be displayed (except for the WIN 2000 operating system).
8. Click to access the encrypted disk. Three files will be displayed: Two private + one executable (300Kb).
9. Run the executable file "RdiskDecrypt.exe," and write username and password in the dialog box. If they are correct, the disk can be accessed and files can be copied.
10. Username and password are required to access the encrypted disk.

Note: Partitioning or merging disks may result in accidental data loss. Always backup all data before partitioning.

Warning: Lost usernames and passwords will require the deletion of the encrypted disk (merging the two disks) and may result in loss of data.

Individual Player Settings

1. To set player parameters, enter the main menu, and select the System Setting icon.
2. Press **MODE)** to enter the submenu.

Options may vary according to firmware upgrades.

Player Settings

Record time	Set time & date of recorded files
Backlight	Set the automatic backlight turn-off time
Language	Set your desired language
Power off	Power off auto-set
Replay mode	Set your desired Replay mode
Contrast	Set screen contrast level
Backlight	Set different backlights (may vary according to model)
Data encryption	"Private Space" function
Memory	Displays memory capacity & percentage used
Animation	Different animation pictures can be set, when the player is turned on
Firmware version	Displays current firmware version
Firmware upgrade	Firmware upgrade
Exit	Exit from current menu

Trouble Shooting

No Power	❋ Check whether the battery has been inserted properly and is fully charged. ❋ Check whether the player is turned ON.
No sound is heard from headphones.	❋ Check whether Volume is set on "0" and connect the earphone plug firmly. ❋ Check whether the earphone plug is dirty. ❋ Corrupted MP3 may make a static noise and the sound may stop. Make sure, that the music files are not corrupted.
Characters in display are corrupted	❋ Check whether the right language has been selected.
Poor FM Reception.	❋ Adjust the position of the earphones and player. ❋ Turn off other nearby electronic devices. ❋ The earphones can be used as antenna.
Download of music files fails.	❋ Check whether the USB cable is damaged and is connected properly. ❋ Check whether the driver was installed correctly. ❋ Check whether the player's memory is full.

Technical Details

Record	Sample rate	8KHz
	Recording rates	WAV 32 Kbps, ACT 8 Kbps
MP3, WMA, WMV, ASF	MP3 bit rate	8 Kbps – 320 Kbps
	WMA, WMV, ASF bit rate	5 Kbps – 384 Kbps
	Frequency response	20Hz - 20KHz
	SNR	85 dB
FM radio	Receiving frequency range	76MHz – 96MHz / 87MHz – 108MHz
	Stations saved	20+20
	Max output of earphones	L 10mW R 10mW 32 Ohm
	SNR	45 dB
Music formats	MP1, MP2, MP3, WMA, WMV, ASF, WAV	
Working temperature	-5° to +40° C	
Operating Systems	Windows 98/ME/NT/2000/XP, Mac OS 10, Linux 2.4	

Note: Product design and specifications may change without notice.